

OCT 20 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Charles L. Gray, Jr
Application Number : 10/733,696
Filing Date : December 11, 2003
Invention Title : Methods of Operation for Controlled Temperature
Combustion Engines using Gasoline-like Fuel, Particularly
Multicylinder Homogenous Charge Compression Ignition
(HCCI) Engines

Examiner Name : Mahmoud Gimie
Art Unit : 3747
Attorney Docket : EPA 686-04
Date : October 20, 2005

PROPOSED AMENDMENT FOR EXAMINER INTERVIEW

In conjunction with Applicant's request for a telephonic interview, Applicant submits the attached proposed amendment for discussion in the interview. The proposed amendment is intended to further clarify the claim terms "combustion parameters" and "combustion parameter values" consistent with applicant's specification and in distinction to non-combustion "parameters" (e.g. fuel quantity, injection duration, fuel timing, intake air temperature, EGR temperature, intake manifold pressure, etc) monitored in the cited prior art, which do not reflect changes in combustion timing, combustion duration, or rates of combustion in HCCI combustion from cycle to cycle.

Support in the specification for Applicant's proposed amendment is found at page 9, lines 11-14; page 3, lines 2-3; page 5, lines 7-12; and throughout the application.

Respectfully submitted,



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